



J. Paul

500.37453CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DATE et al

Serial No.: 10/047,102

Filed: January 17, 2002

For: Storage Medium, Recording Apparatus, Playback
Apparatus, Recording Method, And Computer
Readable Storage Medium

Group: 2615

Examiner:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 6, 2005

Sir:

In the matter of the above-identified application, applicant are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this

paper, including extension of time fees, to the deposit account of Antonelli, Terry,
Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.37453CX2), and
please credit any excess fees to such deposit account.

Respectfully submitted,

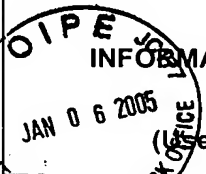
ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read "Melvin Kraus", written over a horizontal line.

Melvin Kraus

Registration No. 22,466

MK/jla
(703) 312-6600
Attachments

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|---|--|--------------------------------|--------------------------|
| Form PTO-1449 Equivalent | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. 500.37453CX2 | SERIAL NO. 10/047,102 |
|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT DATE et al | |
| | | FILING DATE Jan. 17, 2002 | GROUP 2615 |

U.S. PATENT DOCUMENTS

| Ex. Initial | Doc. No. | Date | Name | Class | Subclass | Filing Date |
|-------------|----------|------|------|-------|----------|-------------|
| AA | | | | | | |
| AB | | | | | | |
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| AD | | | | | | |
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U.S. PATENT APPLICATIONS

| | Publication Number | Name | Publication Date |
|----|--------------------|------|------------------|
| AI | | | |
| AJ | | | |
| AK | | | |
| AL | | | |

FOREIGN PATENT DOCUMENTS

| | Doc. No. | Date | Country | Class | Subclass | Translation/Abstract? | |
|----|-----------|------|---------|-------|----------|-----------------------|----|
| | | | | | | Yes | No |
| AM | 09-252450 | 9/97 | Japan | | | Abstract | |
| AN | | | | | | | |
| AO | | | | | | | |
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OTHER DOCUMENTS

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